

New Patent Application
Docket No. 32860-000604/US

Abstract

~~Method for synchronizing network nodes in a subnetwork~~**ABSTRACT OF THE
DISCLOSURE**

The invention proposes a ~~A~~ method for synchronizing the timers of the network nodes (NK1, NK11, NK12, NK13, NK14) in a network to the precise microsecond, where at least one of the network nodes (NK1) undertakes the function of the network master in a subnetwork and the time on the master is used as a reference time (t_m) for the subnetwork which is to be synchronized. ~~The~~ where the master first causes no unauthorised communication to take place in the subnetwork during the subsequent method steps. ~~T~~he master then sends a delay-time measurement message to every network node in the subnetwork in order to ascertain the signal delay time, the master then sends a time setting message to every network node, and finally the time on the network nodes is aligned with the reference time (t_m) for the subnetwork, preferably on a step-by-step basis.

FIGURE 1